TOSHIBA

Portégé M200/205 Series

Model(s):	Description	Part Numbers	UPC
Portégé M200	Pentium M 1.50GHz, 512MB (256MBx2), 12.1“ SXGA+, 60GB (5400 RPM), Intel 802.11g, Windows XP-Tablet Edition, Microsoft Office 2003 SMB	PPM20U-07UGR4S	032017245105
Portégé M200	Pentium M 1.50GHz, 512MB, 12.1” SXGA+, 40GB (5400 RPM), Intel 802.11b, Win XP-Tablet Edition	PPM20U-004JD4	032017225374
Portégé M200	Pentium M 745 (1.80GHz), 512MB, 12.1“ SXGA+, 60GB (5400 RPM), Intel 802.11g, Win XP-Tablet Edition	PPM21U-029CM4	032017249158
Portégé M205-S809	Pentium M 1.50GHz, 512MB, 12.1“ SXGA+, 40GB (5400 RPM), Intel 802.11b, USB DVD-CD-RW Combo Drive, \WinXP-Tablet Edition (Retail)	PPM20U-01ENPK	032017222953
Portégé M205-S810	Pentium M 1.50GHz, 512MB, 12.1“ SXGA+, 60GB (5400 RPM) Intel 802.11g, USB DVD-CD-RW Combo Drive, \WinXP-Tablet Edition (Retail)	PPM20U-07UGSK	032017236677

System Characteristics[1]

Custom Configuration options and optional items listed below are highlighted.

Operating System

- Microsoft® Windows® XP Tablet Edition

Intel® Centrino™ Mobile Technology featuring:

- Choice of Processor[2]:
  - Intel® Pentium® M processor 1.50GHz [1MB Level 2 (“L2”) Cache, 400MHz Front Side Bus (“FSB”)]
  - Intel Pentium M Processor 1.70GHz [1MB L2 Cache, 400MHz FSB]
  - Intel Pentium M Processor 725 [1.6GHz, 2MB L2 Cache, 400MHz FSB]
  - Intel Pentium M Processor 745 [1.80GHz, 2MB L2 Cache, 400MHz FSB]
  - Intel Pentium M Processor 755 [2.0GHz, 2MB L2 Cache, 400MHz FSB]
- Intel 855PM system chipset
- Integrated Wi-Fi™ compliant wireless – Choice of Intel PRO/Wireless 802.11b or Intel PRO/Wireless 802.11b/g

Memory

- 256MB to 2048MB DDR SDRAM
- Choice of 256MB, 512MB, or 1024MB PC2700 DDR333, (Including PC2100 DDR 266) 2.5V memory modules[3]

Mass Storage

Choice of Hard Disk Drives[4]:

- Choice of 80GB (5400 RPM drive rotation), 60GB (7200 RPM), 60GB (5400 RPM), or 40GB (5400 RPM) 2.5” Enhanced IDE (ATA-6) hard disk drive; 9.5mm height

Optional Floppy Disk Drive

- External USB Floppy Drive, 3.5”, 1.44MB

Display[5] and Graphics/Video

- 12.1” Poly-silicon TFT Color LCD; internal display supports up to 16M colors at 1400 x 1050 (SXGA+)
- NVIDIA® GeForce™ FX Go5200 32M; 32MB DDR dedicated video memory
- Digital Video Accelerator
- External Color Support

640 x 480	16bit/32bit colors
800 x 600	16bit/32bit colors
1024 x 768	16bit/32bit colors
1280 x 800	16bit/32bit colors
1280 x 1024	16bit/32bit colors
1600 x 1200	16bit/32bit colors
1920 x 1440	16bit/32bit colors
2048 x 1536	16bit/32bit colors

Input Devices

- Keyboard: 84 keys with 12 function keys, 1.7mm key stroke, 4.5mm height, 19mm key pitch; Dedicated Windows® & Application keys support; HotKey function
- Integrated TouchPad
- Toshiba Digitizer Tablet Pen
- 4 Hardware Buttons: Windows Security Button, ESC/Display Rotation Button, Cross Functional Button,
- 4 Tablet Pen Programmable Buttons

Expandability

- 2 User-accessible expansion memory slot (including main memory slot)
- 1 Type II/Type I PC Card slot; PCMCIA R2.01, PC Card16, CardBus
- 1 SD card slot

Communications[6]

- Integrated V.92 modem/56K Data
- Integrated 10 Base-T/100 Base-TX Ethernet
- Integrated Fast Infrared (4Mbps)
- Optional Integrated Bluetooth (v1.1)
- Integrated Wi-Fi compliant wireless; choice of Intel 802.11b, Intel 802.11b/g, or Atheros 802.11a/b/g

Ports

- RGB (monitor) port
- 2 Universal Serial Bus (USB) 2.0 ports
- RJ-45 LAN port
- RJ-11 modem port
- 240 Pin Expansion Bus w/shutter cover
- Fast Infrared

Physical Description

- Dimensions (WxDxH Front/H Rear): 11.6” x 9.8” x 1.3/1.5
- Weight[7] (varies by configuration): 4.4 (min) - 4.6 (max) lbs
- LED Indicators: Power, Hard Drive, DC-IN, Battery, Wireless Communication, SD Card, Caps Lock, Arrow, Numeric, Main Battery Charging Status, System Sleep/Suspend Status, Wireless Communication, SD Card.

Sound

- Analog Devices 1981B integrated software sound
- 16-bit stereo with built-in speaker and microphone
- Direct 3D Sound; DirectSound and DirectMusic; Full Duplex and MIDI (play back) support
- Sound Volume dial
- Microphone port (on Portégé M200/205 with “PPM21U-xxxxx” part numbers, there are 3 Microphone ports for the Microphone Array)
- Headphone port

Power Supply

- 60W external AC Adapter (15V 4A), 100-240V/50-60Hz input
- Dimensions (WxHxD): 4.3” x 1.9” x 1.1”
- Weight: 0.6 lbs

Battery[8]

- Battery Pack: 6-cell, rechargeable, removable Lithium Ion (Li-Ion) battery; 4400mAh
- Dimension (WxHxD): 4.9” x 0.8” x 2.7”
- Weight: 0.7 lbs
- Battery Life: Up to 4.34 Hrs. with main Battery (measured by MobileMark™)
- Battery Saver (in Windows XP): Stand by, HDD Auto Off, Display Auto Off, Throttling, Hibernation
- Recharge time with 60 Watt AC adapter (main off/on): 2.5-3.0H/10H

Security

- Slot for cable lock; Memory (by 1 screw), HDD (by 1 screw) and modem/LAN (by screws only); User Power-on password, HDD

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Password, Screen Blank and Keyboard Lock (by Hotkey), Screen Saver (by software).

BIOS

- TSETUP, APM V1.2, ACPI V1.0b, PnP V1.0, VESA V2.0, DPMS Support, DDC2B Support, SM BIOS V2.3, PCI BIOS V.2.1 Support, Boot Device: FDD/HDD/CD-ROM/LAN/PC-CARD.

Bundled Software

- WinDVD
- Drag 'n Drop (only on selected models)
- Symbol Commander
- Microsoft® Office OneNote™ 2003
- Zinio Reader
- Franklin Covey Tablet Planner (30 Day Trial Version)
- Alias® SketchBook™ (30 Day Trial Version)
- Microsoft Works (M205-S809 only)
- Toshiba Custom Utilities
- Toshiba Audio Effect (for Portégé M200/205 with "PPM21U-xxxxx" part numbers with the Microphone Array)
- Optional Microsoft® Office Small Business Edition 2003
- (M200 models only)

Environmental Specifications

	Operating	Non-Operating
Temperature	5° to 35°C (41° to 95°F)	-20° to 65°C (-4° to 149°F)
Thermal Gradient	15°C per hour maximum	20°C per hour maximum
Relative Humidity	20% to 80%	10% to 95%
Altitude (relative to sea level)	-60 to 3000 meters	-60 to 10,000 meters
Shock	10G	60G
Vibration	0.5G	1.0G

Limited Warranty

- Portégé M200: 3 year parts and labor, 1 year battery
- Portégé M205-S809/S810: 1 year parts, labor, and battery

SelectServ Limited Warranty Extensions

Portégé M200

SWP-PQGQ3V	3 Year SystemGuard
SWP-PQQX3V	3 Year Depot Express
SWP-PQGX3V	3 Year SystemGuard & Depot Express
SWP-PQQN3V	3 Year Business On-Site Repair, Next Business Day Response
SWP-PQGN3V	3 Year SystemGuard, Business On-Site Repair & Next Business Day Response

Portégé M205-S809

SWP-PEQQ3V	Limited Warranty Extension to 3 Years
SWP-PEGQ3V	3 Year SystemGuard + Limited Warranty Extension
SWP-PEQX3V	3 Year Depot Express + Limited Warranty Extension
SWP-PEGX3V	3 Year SystemGuard + Depot Express
SWP-PEGN3V	3 Year SystemGuard + Business On Site Repair, Next Business Day Response

Accessories

For additional and most update accessories, please visit www.accessories.toshiba.com.

Power

PA3283U-2ACA	Toshiba 75W Global AC Adapter
PA3191U-3BRS	Toshiba Primary Li Ion Battery Pack (6 cell)
PA3091U-1CHG	Toshiba Battery Charger with integrated AC Adapter

Memory Upgrades & SD Memory Options

KTT3311/512	Kingston PC2100/PC2700, 512MB DDR
KTT3311/1G	Kingston PC2100/PC2700, 1GB DDR
SD-M2564B3	Toshiba 256MB SD (Secure Digital) Card
SD-M5124B3	Toshiba 512MB SD (Secure Digital) Card

Primary Hard Drive Upgrades (or Replacements)

PA3133U-1H40	Toshiba 40GB HDD Kit, (with Bracket) 5400 rpm
PA3204U-1H60	Toshiba 60GB HDD Kit, (with Bracket) 5400 rpm
PA3306U-1H60	Toshiba 60GB HDD Kit, (with Bracket) 7200 rpm
PA3230U-1H80	Toshiba 80GB HDD Kit, (with Bracket) 5400 rpm

Backup

HDD1232CZP41002	Toshiba 5GB Type II PC Card HDD w/Back-up software
UABS2-60.0	CMS ABSplus 60GB USB 2.0 Auto Backup System
UABS2-80.0	CMS ABSplus 80GB USB 2.0 Auto Backup System

Optical Drives

PA3352U-1CD2	Toshiba Slimline External USB 2.0 CD-RW/DVD-ROM Combo Drive

Bluetooth

PA3235U-5BTM	Toshiba Bluetooth Module Kit (Dealer installed only)
PA3271U-1BTM	Toshiba Bluetooth SD Card

Cases & Security

PA1331U-1NCS	Toshiba 3-in-1 Portfolio Leather
PA1329U-1NCS	Toshiba Portege M200 Enhanced Protection Case
PA1330U-1ETC	Toshiba User Harness for M200 Enhanced Protection Case
NWDEFCL	Targus Noteworthy DEFCON CL Cable Lock

Input & Miscellaneous

PA3316U-1ETC	Toshiba Tablet PC Pen
PA3317U-1ETC	Toshiba Tablet PC Reserve Pen
PA1357U-1ETC	Toshiba Tablet Pen Tether
PA1336U-1NKB	Toshiba USB Keyboard
PA1337U-1NMS	Toshiba USB Optical Scroller Mouse
PA1367U-1NMS	Toshiba USB Ultra-Mini Retractable Scroller Mouse
PA1368U-1NHB	Toshiba USB 2.0 Mini 4-Port Hub (w/AC Adapter)

Expansion

PA3109U-1FDD	Toshiba USB Floppy Disk Drive Kit
PA3314U-1PRP	Toshiba Advanced Port Replicator III w/75W AC Adapter
PA3315U-1PRP	Toshiba Tablet Multi Dock (see list of options for the Toshiba Tablet Multi Dock below).

Options Available for the Toshiba Tablet Multi Dock

Secondary HDD Kits

To use the secondary HDD Kits for extra storage capacity in the Toshiba Slim SelectBay, you must also purchase the Toshiba Slim SelectBay HDD Adaptor (part number: PA3134U-1ETC).

PA3133U-1H40	Toshiba 40GB HDD Kit, (with Bracket) 5400 rpm
PA3204U-1H60	Toshiba 60GB HDD Kit, (with Bracket) 5400 rpm
PA3306U-1H60	Toshiba 60GB HDD Kit, (with Bracket) 7200 rpm
PA3230U-1H80	Toshiba 80GB HDD Kit, (with Bracket) 5400 rpm
PA3134U-1ETC	Toshiba Slim SelectBay HDD Adaptor (Black Bezel) (use only in the Toshiba Tablet Multi Dock)

Optical Drives

PA3137U-3CD2	Toshiba Slim SelectBay CD-RW/DVD-ROM Drive Kit (Black)
PA3231U-1DV1	Toshiba Slim SelectBay DVD Multi Drive Kit (Black)

Expansion

PA3224U-2ETC	Toshiba Bridge Media Adapter (Slim SelectBay device)

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Return Policy

TAIS does not accept the return of component parts, or bundled software, which have been removed from the PC system. Pro-rata refunds on individual PC components or bundled software, including the operating system, will not be granted. If you wish to return a complete PC system, contact the TAIS dealer where you purchased the product, and comply with the dealer's standard return policies and procedures.

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BAPCo® MobileMark™ 2002

These models achieved the battery life times shown using Business Applications Performance Corporation (“BAPCo”) MobileMark 2002. BAPCo does not make any representations or warranties as to the results of the tests. All products used in the tests were shipping versions available to the general public. The battery life results were achieved running the BAPCo MobileMark 2002 on the following system parameters. System parameters were set according to BAPCo’s recommendations.

(Max2) = Intel Pentium M Processor 755 (2.0GHz, 2MB L2 Cache, 400MHz FSB), 12"SXGA+, 1024MB+1024MB, 60GB(7200rpm), 802.11ag(Atheros), Bluetooth, Microsoft Windows XP-Tablet Edition

(Max) = Intel Pentium M Processor 1.7GHz (1MB L2 Cache, 400MHz FSB), 12"SXGA+, 1024MB+1024MB, 60GB(7200rpm), 802.11ag(Atheros), Bluetooth, Microsoft Windows XP Tablet Edition

(Standard) = Intel Pentium M Processor 1.6G Hz (1MB L2 Cache, 400MHz FSB), 12"SXGA+, 512MB+0MB, 40GB(5400rpm), 802.11b(Intel), Bluetooth, Microsoft Windows XP Tablet Edition

(Min) = Intel Pentium M Processor 1.4G Hz (1MB L2 Cache, 400MHz FSB), 12"SXGA+, 256MB+0MB, 40GB(5400rpm), No W-LAN, No Bluetooth, Microsoft Windows XP Tablet Edition

			(Max2)	(Max)	(Standard)	(Min)
	Battery Life	Battery Life (measured by MobileMark™)	4:12	4:21	4:34	4:33
		BenchMark Score	209	180	174	164
		Number of Conditioning Phase	1	1	1	1
		Life Test Run	2	2	2	2
A	CPU	CPU Name	Intel® Pentium® M	Intel® Pentium® M	Intel® Pentium® M	Intel® Pentium® M
		speed	2.0GHz	1.7GHz	1.6GHz	1.4GHz
		number of processors	1	1	1	1
		Amount of RAM	1024MB+1024MB	1024MB+1024MB	512MB	256MB
		Amount of secondary RAM cache	2MB (L2 RAM CACHE)	1MB (L2 RAM CACHE)	1MB (L2 RAM CACHE)	1MB (L2 RAM CACHE)
B	Battery	type(1st)	Li-Ion (Graphite) 10.8V X 4400mAh	Li-Ion (Graphite) 10.8V X 4400mAh	Li-Ion (Graphite) 10.8V X 4400mAh	Li-Ion (Graphite) 10.8V X 4400mAh
		model number(1st)	PA3191U-3BAS	PA3191U-3BAS	PA3191U-3BAS	PA3191U-3BAS
C		Graphics	nVIDIA® G Force FX Go5200	nVIDIA® G Force FX Go5200	nVIDIA® G Force FX Go5200	nVIDIA® G Force FX Go5200
		amount and type of RAM	32MB, Onchip memory DDR	32MB, Onchip memory DDR	32MB, Onchip memory DDR	32MB, Onchip memory DDR
		graphics driver name and version	nVIDIA® G Force FX Go5200 Version4.5.5.7	nVIDIA® G Force FX Go5200 Version4.5.5.7	nVIDIA® G Force FX Go5200 Version4.5.5.7	nVIDIA® G Force FX Go5200 Version4.5.5.7
		graphics resolution and color depth, refresh rate	1400x1050/16bit/60Hz	1400x1050/16bit/60Hz	1400x1050/16bit/60Hz	1400x1050/16bit/60Hz
D		hard disk capacity	60GB(7200rpm)	60GB(7200rpm)	60GB(5400rpm)	40GB(5400rpm)
		hard disk file system & transfer mode	NTFS,Ultra-DMA	NTFS,Ultra-DMA	NTFS,Ultra-DMA	NTFS,Ultra-DMA
		hard disk controller model	Intel® 82801DBM Ultra ATA Storage Controller - 24CA	Intel® 82801DBM Ultra ATA Storage Controller - 24CA	Intel® 82801DBM Ultra ATA Storage Controller - 24CA	Intel® 82801DBM Ultra ATA Storage Controller - 24CA
		size of hardware cache if any	N/A	N/A	N/A	N/A
E		operating system version, service pack	Windows XP Tablet PC Edition Version 2002 Service Pack 1	Windows XP Tablet PC Edition Version 2002 Service Pack 1	Windows XP Tablet PC Edition Version 2002 Service Pack 1	Windows XP Tablet PC Edition Version 2002 Service Pack 1
		other special conditions	N/A	N/A	N/A	N/A
F		BIOS version	TOSHIBA BIOS V1.31	TOSHIBA BIOS V0.80	TOSHIBA BIOS V0.80	TOSHIBA BIOS V0.80

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Toshiba Power Saver Settings[9]

Basic Setup	Power Usage settings	Screen brigthness		Level 4
		(* See Notes)	100%-75%	-
			74%-50%	-
			49%-25%	-
			24%-0%	-
		CPU control method		Automatic
		Processor speed		Level 3 - 7
		Cooling Method		Maximum Performance
	Power Down settings	Monitor Power OFF		Disable
		HDD Power OFF		3min
		System standby		Disable
		System hibernation		Disable
Setup Action	Manual Setup	When I press the power button		Shut down
		When I close the lid		No Action
		Prompt for password when resuming from Standby or Hibernation		Disable
	Setup Alarm	Low Battrey Alarm Action		Dissable
			Alarm level	-
			Notification method	-
			Action after alarm	-
			Run program	-
		Critical Battrey Alarm Action		Disable
			Alarm level	-
			Notification method	-
			Action after alarm	-
			Run program	-
SoundMAX Control Panel	Power Management	Power Mode		Normal Power Savings
		Instant Power Save		Disable
		Timer Settings		-
Wireless Network	Wireless Communication Switch			Off
GeForce FX Go5200 32M/64M	Power Mizer	Battery		Maximum Power Savings

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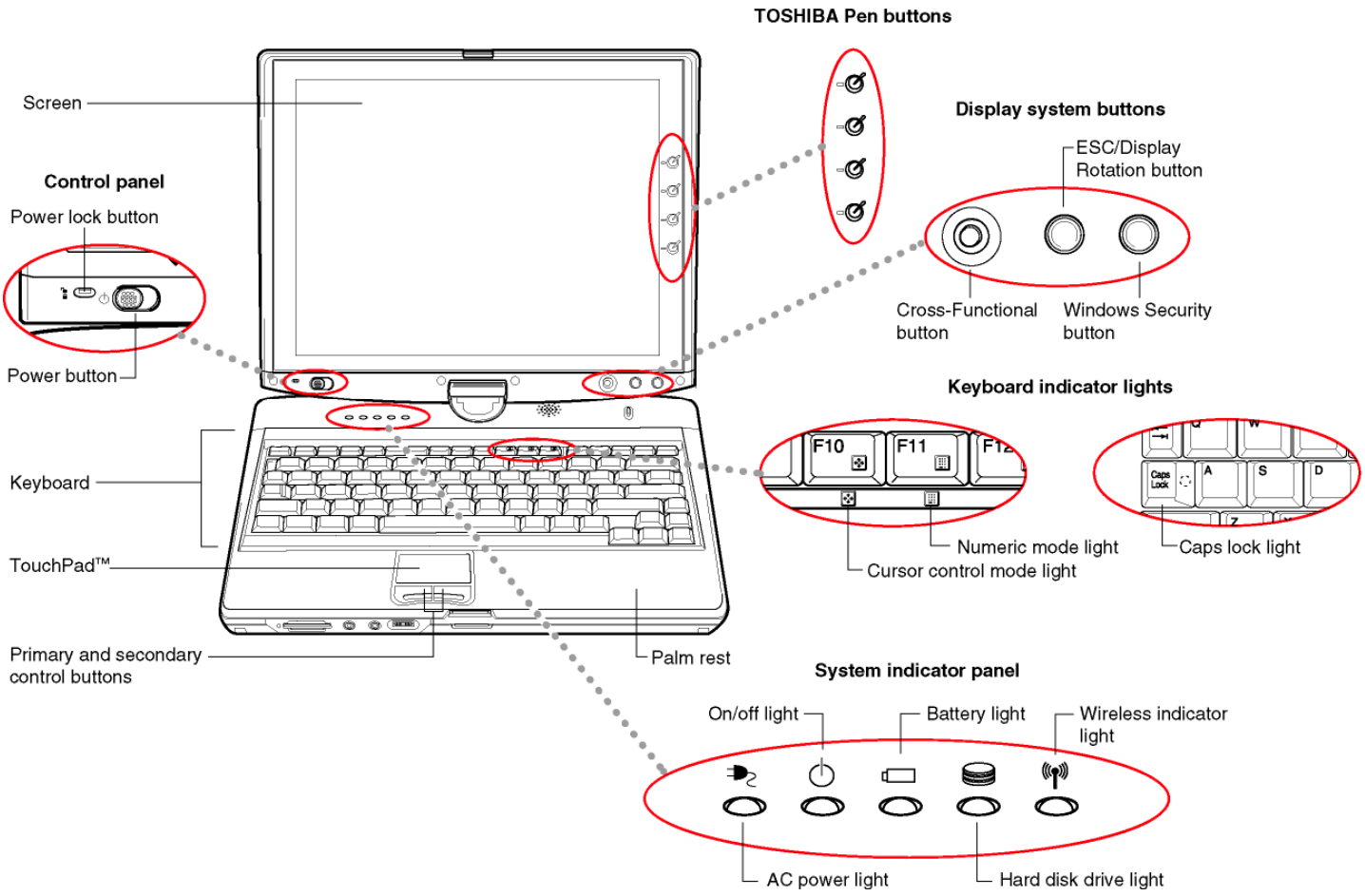
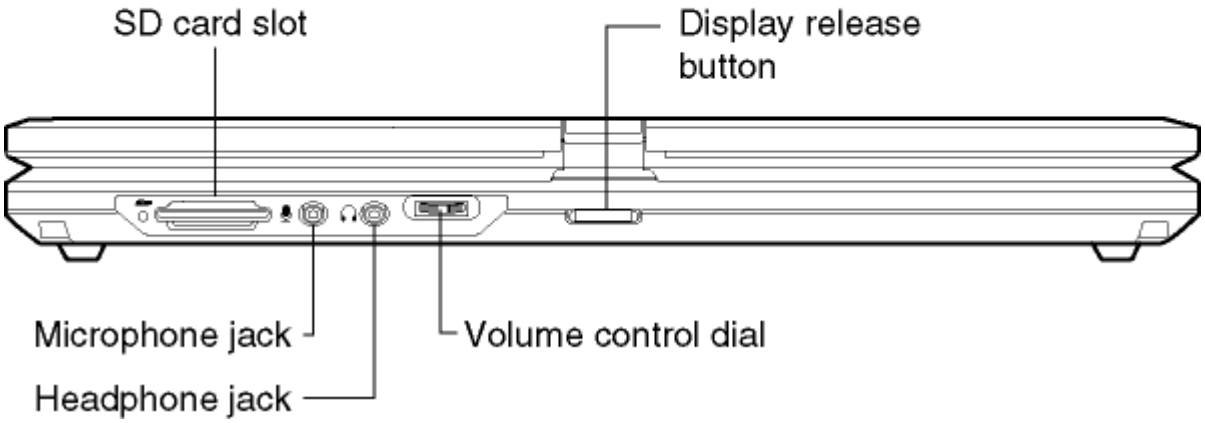
Front with display open



Front with display closed



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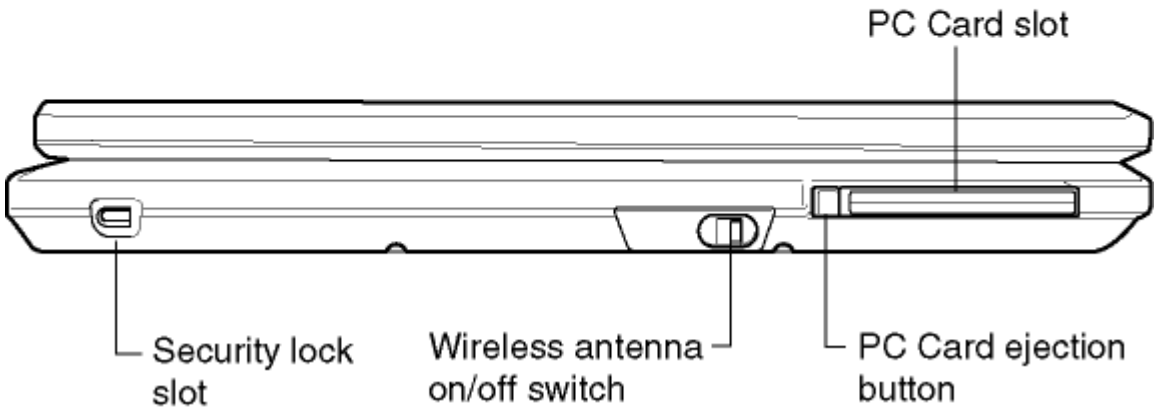
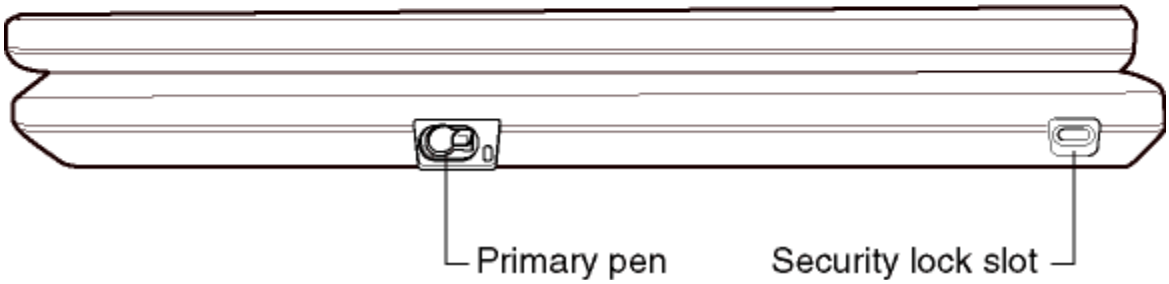
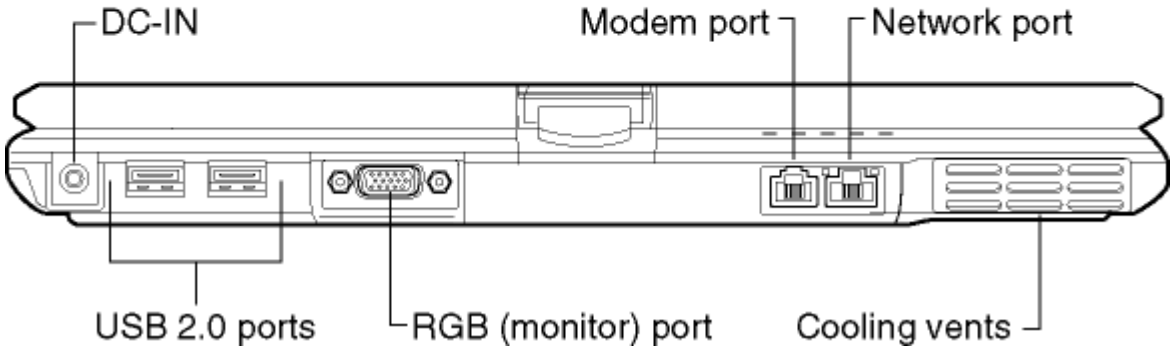
Left side



Right side



Back



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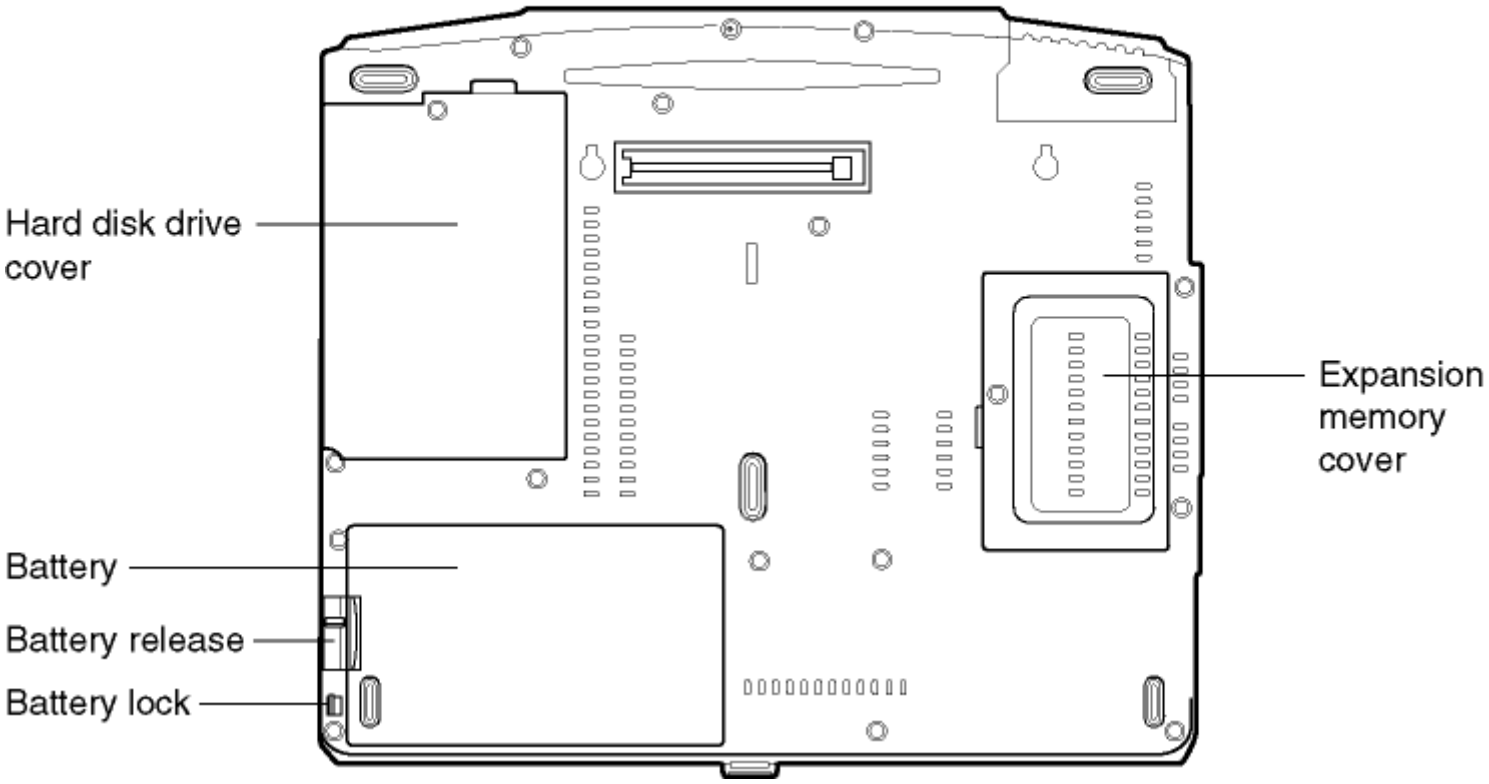
Underside



[1] **Subject to Change; Product Series Disclaimer.**

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[2] **Central Processing Unit ("CPU") Performance Disclaimer.**

CPU performance in your computer product may vary from specifications under the following conditions:

- use of certain external peripheral products
- use of battery power instead of AC power
- use of certain multimedia games or videos with special effects
- use of standard telephone lines or low speed network connections
- use of complex modeling software, such as high end computer aided design applications
- use of computer in areas with low air pressure (high altitude >1,000 meters or >3,280 feet above sea level)
- use of computer at temperatures outside the range of 5°C to 30°C (41°F to 86° F) or >25°C (77°F) at high altitude (all temperature references are approximate and may vary depending on the specific computer model – please refer to your Resource Guide or visit the Toshiba website at www.pcsupport.toshiba.com for details).

CPU performance may also vary from specifications due to design configuration.
Under some conditions, your computer product may automatically shut-down. This is a normal protective feature designed to reduce the risk of lost data or damage to the product when used outside recommended conditions. To avoid risk of lost data, always make back-up copies of data by periodically storing it on an external storage medium. For optimum performance, use your computer product only under recommended conditions. Read additional restrictions under "Environmental Conditions" in your product Resource Guide. Contact Toshiba Technical Service and Support for more information.

[3] Not all memory module combinations may be available. Consult with your Toshiba Sales Representative or, if available, go to config.toshiba.com to configure your system.

[4] **Hard Drive Capacity Disclaimer.**

1 Gigabyte (GB) means 1000 x 1000 x 1000 = 1,000,000,000 bytes using powers of 10. The computer operating system, however, reports storage capacity using powers of 2 for the definition of 1 GB = 1024 x 1024 x 1024 = 1,073,741,824 bytes, and therefore may show less storage capacity. Available storage capacity will also be less if the product includes pre-installed operating system and/or application software. Actual formatted capacity may vary.

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[5] TFT Disclaimer.

Small bright dots may appear on your TFT display when you turn on your PC. Your display contains an extremely large number of thin-film transistors (TFT) and is manufactured using high-precision technology. Any small bright dots that may appear on your display are an intrinsic characteristic of the TFT manufacturing technology.

[6] FCC Modem Speed Disclaimer.

Due to FCC limitations, speeds of 53 kbps are the maximum permissible transmission rates during download. Actual data transmission speeds will vary depending on line conditions.

Wireless or Connectivity Claims.

Wireless connectivity is subject to availability of access points. You might have to purchase additional software, hardware and/or services or pay for phone charges and air time, etc. to achieve the functionality as advertised.

[7] Weight Disclaimer

Weight may vary depending on product configuration, vendor components, manufacturing variability and options selected.

[8] BAPCo® MobileMark Battery Life Data Disclaimer

Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see the accessories information that shipped with your computer or visit the Toshiba web site at accessoryfinder.toshiba.com.

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[9] Business Winstone 2002 BatteryMark Version 1.0's recommendation of brightness setting is 50% level. MobileMark's recommendation of brightness setting is a reasonable level (60-70 nits).

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